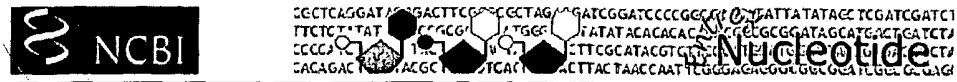
IDS
AL






1: AA234924. zr78g10.r1 Soares...[gi:1859416] Links

**IDENTIFIERS**

| | |
|---|---|
| **dbEST Id:** | **874704** |
| EST name: | zr78g10.r1 |
| GenBank Acc: | AA234924 |
| GenBank gi: | 1859416 |
| GDB Id: | 5563537 |

**CLONE INFO**

| | |
|---|---|
| Clone Id: | IMAGE:669570 (5') |
| Source: | IMAGE Consortium, LLNL |
| Insert length: | 655 |
| DNA type: | cDNA |

**PRIMERS**

| | |
|---|---|
| Sequencing: | -28m13 rev2 ET from Amersham |
| PolyA Tail: | Unknown |

**SEQUENCE**

GTTTTTGAGGAGCGACTGAGGCAAATGGGGTCCTGGCTAAAAGTCAATGGAGAAGCTATT
TATGAAACCCATACCTGGCGATCCCAGAATGACACTGTCCCCCAGATGTGTGGTACACAT
CCAAGCCTAAAGAAAAATTAGTCTATGCCATTTTTCTTAAATGGCCCACATCAGGACAGC
TGTTCCTTGGCCATCCCAAAGCTATTCTGGGGGCAACAGAGGTGAAACTACTGGGCCATG
GACAGCCACTTAACTGGATTTCTTTGGAGCAAAATGGCATTATGGTAGAACTGCCACAGC
TAACCATTCATCAGATGCCGTGTAAATGGGGCTGGGCTCTAGCCTGACTAATGTGATCTA
AAGTGCAGCAGAGTGGCTGATGCTGCAAGTTATGTCTAAGGCTAGGAACTATCAGGTGTC
TATAATTGTAGCACATGGAGAAAGCAAATGTAAAACTGGATAAGAAAAT

Quality: High quality sequence stops at base: 430

| | |
|---|---|
| Entry Created: | Mar 3 1997 |
| Last Updated: | Aug 6 1997 |

**COMMENTS**

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

PUTATIVE ID Assigned by submitter
SW:FUCO_RAT P17164 ALPHA-L-FUCOSIDASE PRECURSOR ;

**LIBRARY**

| | |
|---|---|
| Lib Name: | Soares_NhHMPu_S1 |
| Organism: | Homo sapiens |
| Organ: | mixed (see below) |
| Tissue type: | Pooled human melanocyte, fetal heart, and pregnant uterus |
| Lab host: | DH10B |
| Vector: | pT7T3D-Pac (Pharmacia) with a modified polylinker |
| R. Site 1: | Not I |
| R. Site 2: | Eco RI |
| Description: | Equal amounts of plasmid DNA from three normalized libraries (melanocyte 2NbHM, pregnant uterus NbHPU, and fetal heart |

NbHH19W) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 260232-265223, 340488-345479, and 484488-489479.

**SUBMITTER**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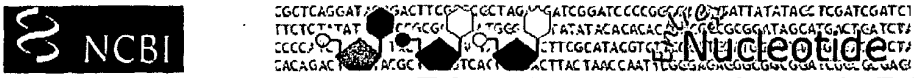
**CITATIONS**

Title: WashU-Merck EST Project 1997
Authors: Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost ,S., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra,M., Martin ,J., Moore,B., Schellenberg,K., Steptoe,M., Tan,F., Theising ,B., White,Y., Wylie,T., Waterston,R., Wilson,R.
Year: 1997
Status: Unpublished

**MAP DATA**

Revised: July 5, 2002.

IDS
A H






☐1: W52490. zc54a02.r1 Soares...[gi:1350088] Links

**IDENTIFIERS**

**dbEST Id:** **560582**
EST name: zc54a02.r1
GenBank Acc: W52490
GenBank gi: 1350088
GDB Id: 1257603

**CLONE INFO**
Clone Id: IMAGE:326090 (5')
Source: IMAGE Consortium, LLNL
Insert length: 736
DNA type: cDNA

**PRIMERS**
Sequencing: mob.REGA+ET
PolyA Tail: Unknown

**SEQUENCE**

GTGGGCCCACACTAGATGGCACCATTTCTGTAGTTTTTGAGGAGCGACTGAGGCAAATGG
GGTCCTGGCTAAAAGTCAATGGAGAAGCTATTTATGAAACCCATACCTGGCGATCCCAGA
ATGACACTGTCACCCCAGATGTGTGGTACACATCCAAGCCTAAAGAAAAATTAGTCTATG
CCATTTTTCTTAAATGGCCCACATCAGGACAGCTGTTCCTTGGCCATCCCAAAGCTATTC
TGGGGGCAACAGAGGTGAAACTACTGGGCCATGGACAGCCACTTAACTGGATTTCTTTGG
AGCAAAATGGCATTATGGTAGAACTGCCACAGCTAACCATTCATCAGATGCCGTGTAAAT
GGGGCTGGGCTCTAGCCTGGACTAATGTGATCTAAAGTGCAGCAGAGTGGCTGATGCTGC
AAGTTATGTCTAAGGCTAGGAACTATCAGGTGTCTATAATTGTAGCACATGGAGAAAGCA
AATGTAAAACTGGGATAAGAAAATTATTTTGGGCAGTTCAGCCCTTTCCCTTTTTCCCAC
TAAATTTTTTCCTTAAATTACCCATGTAACCATTTTAACTCTCCAGTGCACNTTGCCATT
AA

Quality: High quality sequence stops at base: 440

Entry Created: May 22 1996
Last Updated: Oct 11 1996

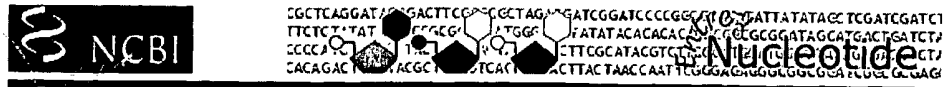
**COMMENTS**

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

PUTATIVE ID Assigned by submitter
SW:FUCO_HUMAN P04066 TISSUE ALPHA-L-FUCOSIDASE PRECURSOR ;

**LIBRARY**
Lib Name: Soares_senescent_fibroblasts_NbHSF
Organism: Homo sapiens
Tissue type: senescent fibroblast
Lab host: DH10B (ampicillin resistant)
Vector: pT7T3D (Pharmacia) with a modified polylinker V_TYPE: phagemid
R. Site 1: Not I

IDS
AJ






1: AA065306. a03500s Testis 5 ...[gi:1929306] Links

**IDENTIFIERS**

**dbEST Id:** 691225
EST name: a03500s
GenBank Acc: AA065306
GenBank gi: 1929306

**CLONE INFO**
Clone Id: a03500 (3' end)
DNA type: cDNA

**PRIMERS**
Sequencing: SP6
PolyA Tail: Unknown

**SEQUENCE**

AGCTAAGAAAGAACTTTATTATTTCTAATAAATGCATCTGGGGGTGGGGTCTGGAGAGGG
CACACGGCCGTCCCCTGCCAATGCGTTGAGGCCCACACTCCTTGGGAGTGGACAGGGAAA
GCCCCATGTTCCCCGGAGCCTGTCGCCGTGGCCTGCAGCCCTGGACGCCTNTNACGGAAC
CGCAGTCTTTCCTCCCCGGCTTTCTGGTCGCGTGGCCACCACAGCCCCATCAATACAGCC
AGAGCCCGGGGCCAGGTGTGAGTNTGCCCGTAGCTNTCCGTCTCCGNCAGCCCCGACGGN
TTGGAGCAGNTTCTGAAGGCCTTCCTGGGTGTTAGCATCCGTTGGGGAGCGGGTTTTTGC
GGTNGGGA

Entry Created: Dec 31 1996
Last Updated: Jun 12 2002

**COMMENTS**

This sequence derives from a clone which was selected from the cDNA library - Testis 5 - using a repeat of 14 CAG as probe

**LIBRARY**
Lib Name: Testis 5
Organism: Homo sapiens
Vector: pSPORT1
R. Site 1: Mlu1
R. Site 2: Not1
Description: mRNA was prepared from human testis of a 27 years old man. cDNA was prepared using a 15mer oligo dT anchored by two degenerated bases at its 3'end and containing a NotI site at its 5'end. The cDNA was cloned between Sal1 and NotI sites of pSPORT1. The Mlu1-Sal1 fragement come from the adaptator used for the cloning. The 3' end is at the NotI site. cDNA corresponding to abundant species were eliminated from this library.

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Fax: (33)148980908
E-mail: guellaen@infobiogen.fr

**CITATIONS**

Title: Guellaen,G. Unpublished (1996)
Authors: Guellaen,G.
Year: 1996
Status: Unpublished

**MAP DATA**

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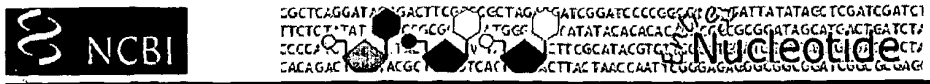
Revised: July 5, 2002.

LDS
AT






1: AA065307. a03500t Testis 5 ...[gi:1929307] Links

**IDENTIFIERS**

**dbEST Id:** **691226**
EST name: a03500t
GenBank Acc: AA065307
GenBank gi: 1929307

**CLONE INFO**
Clone Id: a03500 (5' end)
DNA type: cDNA

**PRIMERS**
Sequencing: T7
PolyA Tail: Unknown

**SEQUENCE**

GGAATCTAACAATCCCTGGGGAGCCGGAGACCGGTGACCGCCGCCCTGCCCGCAGCCATG
TGGCCCCCGCTGTTGCTGCTGCTGCTGCTGCTCCCGGCCGCCCCGGTCCCCACCGCCAAA
GCCGCTCCCCACCCGGATGCTAACACCCAGGAAGGCCTTNAGAACCTGCTCCAAGGCGTC
GGGGCTGGNGGAGACGNAGAGNTGCGGGCAGACTNACACNTGGCCCCGGGCTCTGGCTGT
ATTGATGGGGCTGTGGTGGCCACGTGACCAGAAAGCNGNGGAGGAAGACC

Entry Created: Dec 31 1996
Last Updated: Jun 12 2002

**COMMENTS**

This sequence derives from a clone which was selected from the cDNA library - Testis 5 - using a repeat of 14 CAG as probe

**LIBRARY**
Lib Name: Testis 5
Organism: Homo sapiens
Vector: pSPORT1
R. Site 1: Mlu1
R. Site 2: Not1
Description: mRNA was prepared from human testis of a 27 years old man. cDNA was prepared using a 15mer oligo dT anchored by two degenerated bases at its 3'end and containing a NotI site at its 5'end. The cDNA was cloned between Sal1 and NotI sites of pSPORT1. The Mlu1-Sal1 fragement come from the adaptator used for the cloning. The 3' end is at the NotI site. cDNA corresponding to abundant species were eliminated from this library.

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E-mail: guellaen@infobiogen.fr

**CITATIONS**

Title: Guellaen,G. Unpublished (1996)
Authors: Guellaen,G.
Year: 1996
Status: Unpublished

**MAP DATA**

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Revised: July 5, 2002.

1DS
AK

NCBI Nucleotide

PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

Search Nucleotide for Go Clear

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1: AA151194. zl40b11.r1 Soares...[gi:1719402] Links

**IDENTIFIERS**

**dbEST Id:** 787792
EST name: zl40b11.r1
GenBank Acc: AA151194
GenBank gi: 1719402
GDB Id: 3809369

**CLONE INFO**
Clone Id: IMAGE:504381 (5')
Source: IMAGE Consortium, LLNL
Insert length: 889
DNA type: cDNA

**PRIMERS**
Sequencing: -28M13 rev2 from Amersham
PolyA Tail: Unknown

**SEQUENCE**

ATTCGGCACGACGGTGATCGTTATAACCCAGGACATCTTTTGCCACATAAATGGGAAAAC
TGCATGACAATAGACAAACTGTCCTGGGGCTATAGGAGGGAAGCTGGAATCTCTGACTAT
CTTACAATTGAAGAATTGGTGAAGCAACTTGTAGAGACAGTTTCATGTGGAGGAAATCTT
TTGATGAATATTGGGCCCACACTAGATGGCACCATTTCTGTAGTTTTTGAGGAGCGACTG
AGGCAAGTGGGGTCCTGGCTAAAAGTCAATGGAGAAGCTATTTATGAAACCTATACCTGG
CGATCCCAGAATGACACTGTCACCCCAGATGTGTGGTACACATCCAAGCCTAAAGAAAAA
TTAGTCTATGCCATTTTTCTTAAATGGCCCACATCAGGACAGCTGTTCCTTGGCCATCCC
AAAGCTATTCTGGGGGCAACAGAGGTGAAACCTACTGGGCCATGGAG

Quality: High quality sequence stops at base: 435

Entry Created: Nov 15 1996
Last Updated: May 14 1997

**COMMENTS**

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

PUTATIVE ID Assigned by submitter
TR:G182779 G182779 LYSOSOMAL ENZYME ALPHA-L-FUCOSIDASE ;

**LIBRARY**
Lib Name: Soares_pregnant_uterus_NbHPU
Organism: Homo sapiens
Sex: female
Organ: uterus
Develop. stage: adult
Lab host: DH10B
Vector: pT7T3-Pac
R. Site 1: Not I
R. Site 2: Eco RI
Description: 1st strand cDNA was primed with a Not I - oligo(dT) primer